

A Bibliography of Speleological Works on Korean Subterranean Ecosystems

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韓國의 地下生態系에 대한 洞窟學的 文獻目錄

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적 요

1930년에 평북영변에서 동룡굴이 보고된 이후 현재까지 한국 반도에서 발견된 동굴의 생물과 지질학등에 대해 발표된 문헌들 88편을 연도별로 수록하였다.

The first record on Korean caves is found in Mori's article of Dongryong-gul cave in Yeongbyeon-gun, now in North Korea (Mori, 1930), and the study of cave life began with the reports by Verhoef (1938) and Sato (1939) of *Antrokoreana gracilipes* (Diplopoda) and *Pseudocrangonyx asiaticus* (Amphipoda) respectively, collected from the cave just referred to. During the period of a half century ever since, a number of more caves as well as cave organisms have been uncovered both from limestone areas in the mid-east of the peninsula and lava caves in the southernmost volcanic island, Jeju-do.

As the studies of cave life and geology made much progress world-wide so far it became now even an urgent task to review them in the light of concepts and approaches of modern biology concerning mechanisms of adaptation, regressive evolution and ecological strategies characterizing cave life and those governing cave formations. All the more, enormous extent of exploitation of nature along with extremely rapid industrialization and population growth of the country has come to endanger many subterranean ecosystems, affecting a number of cave animals inhabiting much vulnerable environment which is one of the most non-renewable natural resources.

At this moment it should be of critical importance to make an inventory of the caves and their lives which have been on record. One of the works to be done first, in this endeavor, would be listing publications of Korean caves and the organisms, and it will provide a perspective as well as a foundation upon which any further scientific study or planning of any conservation program could be based. Of the great number of articles published so far, however, the present list includes only those with references, which is very likely to suggest the author's responsibility as well as

reliability of the papers. An exception was allowed, however, for the first record on Korean caves, that is, Mori's paper in 1930 which lists no references. Under this strict policy the number of papers listed here amounted to 63 in biospeology, 23 in physical cave science and 2 in conservation and development, all therefore, 88 in total as they come as following. The phrases in quotation marks indicate English translations by the present writer of the title of papers or periodicals wherein no English ones were available.

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SUMMARY

A list of publications concerning biology and geology of Korean caves has been prepared, which includes 88 papers published since the discovery of Dongryong-gul cave in 1930 as the first cave record from the peninsula.

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